

**CELLULAR TIME DIVISION TELECOMMUNICATIONS SYSTEMS****Abstract**

To reduce interference between physically close base and mobile stations belonging to uncoordinated systems of different operators, in a cellular time division telecommunications system, e.g. the TDD mode of UMTS, a method of operation comprises providing a sequence of time frames, each time frame including a plurality of time slots, each time slot having an allocated uplink or downlink channel, wherein the positions of said time slots of said channels are changed in consecutive time frames of said sequence according to a deterministic sequence, e.g. a cyclic rotation. In an initial set up operation, the base station may instruct a mobile station to transmit or receive in certain time slots, and that these time slots should be changed in succeeding frames according to a predefined algorithm transmitted to the mobile station.